

Certificate of Analysis

Certificate: **C25031095**
Client: Valoryz Production Kft.
Valentinyi Fruzsina
Petofi str. 3.
5650 Mezőberény
Hungary

Hamburg, 2025-10-15
Page 1 of 5

Date of order: 2025-10-06
Sample receipt: 2025-10-06
Analysis period: 2025-10-06 - 2025-10-15
Sample storage until: 2025-11-12



Sample data:

GALAB sample number: 25014252-0001-00 Sample description: Bio Weiss Reis
Customer sample No.: 1025V(M-488) Quantity: 0.82 kg

Parameter	Unit	Content	Maximum Level	Evaluation Criteria	RL	Procedure
Alternaria toxins						
Altenuen	µg/kg	< 0.50			0,50	V00102
Alternariol	µg/kg	< 0.05			0,05	V00102
Alternariol Monomethylether	µg/kg	0.05			0,05	V00102
Tentoxin	µg/kg	< 0.50			0,50	V00102
Tenuazonic acid	µg/kg	8.73			0,50	V00102
Dithiocarbamates						
Dithiocarbamates	mg/kg	< 0.010	0,050	Reg. (EC) No. 396/2005	0,010	V00404
Elements						
Cadmium	mg/kg	< 0.010	0,15	Reg. (EU) 2023/915	0,010	V00246
Copper	mg/kg	2.9	10,0	Reg. (EC) No. 396/2005	0,10	V00246
Lead	mg/kg	< 0.020	0,20	Reg. (EU) 2023/915	0,020	V00246
Mercury	mg/kg	< 0.005	0,010	Reg. (EC) No. 396/2005	0,005	V00246
Fosetyl / Phosphonic acid						
Fosetyl	mg/kg	< 0.010			0,010	V00490
Phosphonic acid	mg/kg	0.014	3,0	Reg. (EC) No. 396/2005	0,010	V00490
Glyphosate						
AMPA	mg/kg	< 0.010			0,010	V00863
Glufosinate (composite parameter)	mg/kg	<RL	0,90	Reg. (EC) No. 396/2005	0,010	V00863
<i>Glufosinate</i>	mg/kg	< 0.010			0,010	V00863
<i>MPPA</i>	mg/kg	< 0.010			0,010	V00863
<i>N-Acetyl Glufosinate</i>	mg/kg	< 0.010			0,010	V00863
Glyphosate	mg/kg	< 0.010	0,10	Reg. (EC) No. 396/2005	0,010	V00863

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Certificate of Analysis

Certificate: **C25031095**

Page 2 of 5

Parameter	Unit	Content	Maximum Level	Evaluation Criteria	RL	Procedure
Microbiology						
Moulds	CFU/g	< 400			100	V00821
Salmonella	/25g	negative				V00689
Yeasts	CFU/g	< 100			100	V00816
Mycotoxins						
15-Acetoxyascirpenol	µg/kg	< 10.0			10,0	V00119
15-Acetyldeoxynivalenol	µg/kg	< 20.0			20,0	V00119
3-Acetyldeoxynivalenol	µg/kg	< 20.0			20,0	V00119
Aflatoxin B1	µg/kg	< 0.010	2,0	Reg. (EU) 2023/915	0,010	V00119
Aflatoxin B2	µg/kg	< 0.010			0,010	V00119
Aflatoxin G1	µg/kg	< 0.010			0,010	V00119
Aflatoxin G2	µg/kg	< 0.020			0,020	V00119
Aflatoxin M1	µg/kg	< 0.010			0,010	V00119
Aflatoxins (sum)	µg/kg	-	4,0	Reg. (EU) 2023/915		V00119
Deoxynivalenol	µg/kg	< 20.0			20,0	V00119
Diacetoxyascirpenol	µg/kg	< 10.0			10,0	V00119
Fumonisin B1	µg/kg	< 5.0			5,0	V00119
Fumonisin B2	µg/kg	< 5.0			5,0	V00119
Fumonisins (sum)	µg/kg	-				V00119
Fusarenon X	µg/kg	< 20.0			20,0	V00119
HT-2 Toxin	µg/kg	< 1.0			1,0	V00119
Nivalenol	µg/kg	< 20.0			20,0	V00119
Ochratoxin A	µg/kg	< 0.010	5,0	Reg. (EU) 2023/915	0,010	V00119
T-2 Toxin	µg/kg	< 1.0			1,0	V00119
T2-HT2 (sum)	µg/kg	-				V00119
Zearalenon	µg/kg	< 5.0			5,0	V00119
Pesticides						
GALAB Pesticides	-	n.d.				V00392
Phenoxyalkanecarboxylic acids	-	n.d.				V00390

RL = Reporting Limit, n.d. = not detected, MU = measurement uncertainty

2025-10-15, Uwe Schloo, Staatlich geprüfter Handelsfachwirt

Certificate of Analysis

Certificate: **C25031095**

Page 3 of 5

Procedures:

V00102: SOP-0508:2023-04 (LC/MS-MS) (MU = 39%)

V00404: ASU L 00.00-49/2:1999-11 (MU = 50%)

V00246: ASU L 00.00-19/1:2015-06 (microwave-assisted digestion), DIN EN ISO 17294-2:2024-12 (ICP-MS) (MU = 10%)

V00490: SOP-No. 495:2022-10 EU-SRM QuPPe 2023-12 (MU = 50%)

V00863: SOP-No. 657:2022-12 (MU = 50%)

V00821: ISO 21527-2:2008-07 (Incubation period: 5 to 7 days)

V00689: ASU L 00.00-98:2007-04

V00816: ISO 21527-2:2008-07 (Incubation period: 5 to 7 days)

V00119: SOP-0138: 2024-09 (LC/MS-MS) (MU = 40%)

V00392: EN 15662:2018-07 Modular QuEChERS-method, Scope of substances and methods: GALAB Pesticides 500Plus® BNN acc. to Diät VO Annex 22/23, dated 21.07.2025 (MU = 50%)

V00390: Phenoxyalkanecarboxylic acids (LC-MS/MS) (MU = 50%)

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DIN EN ISO/IEC 17025



Certificate of Analysis

Certificate: **C25031095**

Page 4 of 5

Sample:

Evaluation:

The results of the residue analysis do not indicate a violation of the provisions set by Organic Regulation (EU) 2018/848.

The sample complies with the requirements of the Regulation (EU) No 2023/915 for mycotoxins in processed cereal-based foods and baby foods for infants and young children.

The benchmark level for the sum of T-2 and HT-2 in cereal based baby food is 15 µg/kg according to the Commission Recommendation 2013/165/EU. These levels are kept in the sample analyzed.

Regarding the lead and cadmium analyzed the sample complies with the requirements of the Regulation (EU) No. 2023/915 for processed cereal-based foods and baby foods for infants and young children.

Regarding the mercury analyzed the sample complies with the requirements of the Regulation (EC) No. 396/2005 in its currently valid version.

The sample fulfills the specific requirements of the German Diätverordnung (Annex 22 and 23) for babyfood.

But pesticides (copper) were detected above 0,010 mg/kg. The German Diätverordnung applies to the processed baby food - not for the raw materials (except for annex 23). It has to be proved, if the product ready to use complies with the requirements of the Diätverordnung.

Comment:

According to Regulation (EC) No 396/2005, the maximum residue level for copper compounds in rice is 10 mg/kg.

The MRL of Regulation (EC) No 396/2005 is only applicable if copper is used as a pesticide/plant protection product.

The analysis has shown that the sample contains copper residues. It has to be determined whether the products which are put into circulation carrying a reference to organic farming according to Regulation (EC) No. 2018/848 actually comply with the requirements of Regulation (EC) No. 2021/1165.

The expanded measurement uncertainty for copper is 10 %.

Comment LMBVV:

With the Regulation on the Reorganization of the Law on Certain Foodstuffs (LMBVV), the German Diätverordnung was repealed. According to §11 LMBVV, the requirements of the Diätverordnung for baby foods and processed cereal-based foods for infants and young children shall continue to apply as long as no delegated acts supplementing Regulation (EU) No. 609/2013 have been adopted.

Comment:

There are currently no legal limits for Alternaria toxins in the European Union.

The guideline values for alternariol (AOH), alternariol monomethyl ether (AME) of 2µg/kg each and for tenuazonic acid (TeA) of 500µg/kg for processed cereal-based foods for infants and young children according to the RECOMMENDATION (EU) 2022/553 of 05 April 2022 are kept by the tested sample.

The legal assessment is based on European regulations, the LFGB and the legal and implementing provisions issued pursuant to this law. Furthermore, the evaluation is based on the guidelines outlined in document 'SANTE/11312/2021'.

The results refer exclusively to the examined sample (as received)

If the sampling and transport were not carried out by GALAB, it is possible that the sample may have been influenced prior by incorrect selection or insufficient cleaning of the sample containers or lack of preservation/cooling. We recommend to check any findings in this respect critically.

Your customer advisor will be pleased to answer any questions you may have:

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Vanessa Behrmann, Telephone: +49 40 368 077 378, E-Mail: Vanessa.Behrmann@galab.de.

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Certificate of Analysis



Certificate: **C25031095**

Page 5 of 5

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